09/724028

WEST

Freeform Search

Database: US Patents Full-Text Database; US Pre-Grant Publication Full-Text Database; JPO Abstracts Database; EPO Abstracts Database; Derwent World Patents Index; IBM Technical Disclosure Bulletins

Term: l1 and (primer$1 near5 (multiple or multiplex))

Display: 10 **Documents in Display Format:** - **Starting with Number** 1

Generate: ○ Hit List ◉ Hit Count ○ Side by Side ○ Image

Search | Clear | Help | Logout | Interrupt

Main Menu | Show S Numbers | Edit S Numbers | Preferences | Cases

Search History

DATE: Thursday, October 30, 2003 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=USPT,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ			
L6	l1 and (primer$1 near5 (multiple or multiplex))	5	L6
L5	isolat$3 near5 cDNA near5 open reading frame near5 primer$1	0	L5
L4	L3 and hairpin	17	L4
L3	l1 and primer$1	109	L3
L2	L1 and hairpin primer$1	0	L2
DB=DWPI,USPT,EPAB,JPAB; PLUR=YES; OP=ADJ			
L1	isolat$3 near5 cDNA near5 open reading frame	119	L1

END OF SEARCH HISTORY

WEST

Freeform Search

Database: US Patents Full-Text Database; US Pre-Grant Publication Full-Text Database; JPO Abstracts Database; EPO Abstracts Database; Derwent World Patents Index; IBM Technical Disclosure Bulletins

Term: 14 and open reading frame

Display: 10 **Documents in Display Format:** - **Starting with Number** 1

Generate: ○ Hit List ◉ Hit Count ○ Side by Side ○ Image

Search | Clear | Help | Logout | Interrupt

Main Menu | Show S Numbers | Edit S Numbers | Preferences | Cases

Search History

DATE: Thursday, October 30, 2003 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=USPT,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ			
L6	l4 and open reading frame	4	L6
L5	L4 and (multiple primer$1 or multiplex primer$1)	0	L5
L4	L3 and reverse transcriptase	13	L4
L3	L2 and (hairpin near5 primer$1)	20	L3
L2	isolat$3 near5 (full or complete) near5 cDNA	3434	L2
DB=DWPI,USPT,EPAB,JPAB; PLUR=YES; OP=ADJ			
L1	Isolat$3 nea5 (full or complete) near5 cDNA	0	L1

END OF SEARCH HISTORY

End of Result Set

☐ Generate Collection

L6: Entry 5 of 5 File: USPT Nov 16, 1993

DOCUMENT-IDENTIFIER: US 5262529 A
**** See image for Certificate of Correction ****
TITLE: Diagnosis of hereditary retinal degenerative diseases

Brief Summary Text (15):
(c) detecting (e.g., by ethidium bromide staining of a gel) the extent of amplification which took place. The second primer is an oligonucleotide that includes a sequence identical to that of a six- nucleotide segment of the template DNA, which segment is located (i) on the DNA strand complementary to the strand on which the probe/primer segment of the gene is located, and (ii) on the opposite side of the mutation from the probe/primer segment of the gene, such that the probe/primer and the second primer together are suitable for priming the amplification, by multiple cycles of polymerase chain reaction ("PCR"), of a section of template DNA that encompasses the mutation.

Detailed Description Text (24):
Starting with a murine cDNA clone corresponding to the wild type RDS sequence (Travis et al., 1989, Nature 338:70), the corresponding human cDNA sequence from a human retinal cDNA library was isolated The longest cDNA clone (pHRDS8) spanned the entire open reading frame. This probe detects at least three di-allelic RFLPs (ApaI, DraI, BglII) at the RDS locus, each with a minor allele frequency greater than 0.20 based on a set of 108 "control" individuals without retinitis pigmentosa or a family history of the disease (Travis et al., 1991, Genomics 10:773). The probe pHRDS8 and its cognate RFLPs were used in a search for defects in this gene in retinitis pigmentosa.

09/724,028

Set Name side by side	Query	Hit Count	Set Name result set
DB=USPT,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ			
L11	l9 and random sequence	12	L11
L10	L9 and complete open reading frame	0	L10
L9	fisher.in.	7550	L9
L8	L7 and ((multiple or multiplex) near5 primer$1)	5	L8
L7	l4 and open reading frame$1	85	L7
L6	L5	0	L6
L5	L4 and complete open reading frame	0	L5
L4	L3 and PCR	620	L4
L3	L2 and (sequence$1 near5 identic$2)	632	L3
L2	L1 and (isolat$3 near5 cDNA)	732	L2
DB=DWPI,USPT,EPAB,JPAB; PLUR=YES; OP=ADJ			
L1	(stem loop or self complementary or hairpin) near5 primer$1	965	L1

END OF SEARCH HISTORY